

the 5' end of the reagent hybridizes with a nucleotide residue adjacent to and toward the 3' end of the gene from the defined site.

41
46. A reagent according to Claim 40, wherein the polynucleotide has a length of from 10 - 40 nucleotide residues.

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49. A reagent according to Claim 40, having the sequence 5'-GCG CGG ACA TGG AGG ACG TG-3'.

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50. A reagent according to Claim 40, having the sequence 5'-ATG CCG ATG ACC TGC AGA AG-3'.

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51. A reagent according to Claim 40, having the sequence 5'-GTA CTG CAC CAG GCG GCC GC-3'.

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52. A reagent according to Claim 40, having the sequence 5'-GGC CTG GTA CAC TGC CAG GC-3'.

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53. A reagent according to Claim 40, having the sequence 5'-CAT GGT GCA CCT GAC TCC TG-3'.

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54. A reagent according to Claim 40, having the sequence 5'-CAG TAA CGG CAG GCG GCC GC-3'.

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55. A reagent according to Claim 40, having the sequence 5'-AAG GCA CTC TTG CCT ACG CCA-3'.

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56. A reagent according to Claim 40, having the sequence 5'-AGG CAC TCT TGC CTA CGC CAC-3'.

37. A reagent according to Claim 47 having the sequence 5'-AAC TTG TCG TAG TTG GAG CT-3'--

REMARKS

The present application is a continuation of co-pending application Serial No. 08/162,376, now in Interference No. 103,562, which is a file-wrapper continuation of Serial No. 07/656,575, which is a continuation-in-part of Serial No. 07/483,005. A copy of the specification and the 39 claims of the '575 application is enclosed.

Subsequent to the filing of the '575 application, but prior to the filing of the '376 application, several amendments added Claims 40-46 to the application. Thus, the '376 application contained Claims 1-46.

The present amendment cancels Claims 1-46. Claims 47-57 have been added to claim the subject matter that was canceled without prejudice in the '376 application in order for the remaining method claims to be allowed. As noted, the allowed method claims are now subject to an interference proceeding with two other parties.

Respectfully submitted,

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Enclosures

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